Decreasing the Prevalence of Urinary Tract Infections in a Long Term Care Facility

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UTI Assessment, Management and Monitoring Pathway

Typical Symptoms (check all that apply) *must confirm 3 symptoms prior to initiating management

No Indwelling Catheter:
- New or worsening dysuria
- Temp >38°C or 1.5°C above baseline
- New or worsening urgency, burning, and/or frequency
- New or worsening urinary incontinence
- New flank or suprapubic pain/tenderness
- Change in character of urine (blood, sediment, pyuria, foul smelling)
- Changes or worsening functional and/or mental status (disoriented, confused, sleepy)

Non-specific Symptoms of UTI
- Onset of smelly and/or turbid urine
- No fever
- No genitourinary symptoms
- Changes or worsening functional and/or mental status (disoriented, confused, sleepy), increase in falls

Typical UTI symptoms develop
- Urine Dip Positive
- Urine Dip Negative

Non-specific UTI symptoms persist
- Urine Dip Positive
- Urine Dip Negative

Monitoring:
- Monitor for improvement in symptoms and contact physician if no improvement within 48 hours following initiation of antibiotics
- Observe residents closely if antibiotics are ordered while on warfarin
- Transfer to acute care should be considered for any of the following: respiratory distress, tachycardia, CHF, hypotension, reduced LOC, resident and/or family wishes to be treated in hospital

Management:
- Take full set of vitals
- Notify facility RN and review symptoms, previous history, current meds, fluid intake
- Increase fluid intake if possible (unless on fluid restriction)
- Notify physician
- Obtain Mid-Stream Urine as ordered by physician (good peri care is essential)
- Antibiotic therapy may be ordered
- Record UTI on Infection Record Sheet
  - Treat associated symptoms
- Update family
- Start STAT Cranberry

Urine C&S collected
- Date/time: ________ Initials: ________

Antibiotic therapy ordered
- Date/time: ________ Initials: ________

Urine C&S results positive
- Ensure antibiotics ordered are consistent with sensitivity report
- STOP antibiotics if started before C&S result and contact physician (to prevent development of resistant organisms)
  - Date/Time: ________ Initials: ________

Urine C&S results negative

Reassess for other problems

Typical UTI results resolve

Usual care